

REMARKS

This paper responds to the Office Action mailed on June 17, 2005.

No claims are amended. Claims 10-20, 30-44, and 53-59 are canceled without prejudice or disclaimer. As a result, claims 1-9, 21-29, and 45-52 are now pending in this application.

Affirmation of Election

As provisionally elected by Applicant's representative, Viet Tong, on June 14, 2005, Applicant elects, without traverse, to prosecute the invention of Group I, claims 1-9, 21-29, and 45-52.

Applicant cancels claims 10-20, 30-44, and 53-59 (Groups II-IV) without disclaimer or prejudice. Applicant reserves the right to later file at least one continuation or divisional application to reintroduce the canceled claims.

§102 Rejection of the Claims

Claims 1-9, 21-29, and 45-52 were rejected under 35 U.S.C. § 102(b) for anticipation by Jefferson et al. (U.S. Patent No. 6,130,552). Applicant respectfully traverses because a *prima facie* case of anticipation has not been made.

Independent claim 1 recites:

"a measuring path for receiving a reference signal to sample a pulse to obtain a measured delay;

a forward path connected to the measuring path for delaying the reference signal based on the measured delay to generate an internal signal; and

a feedback path connected to the measuring path and the forward path, the feedback path including a calibrating unit for generating the pulse based on a plurality of feedback signals generated from the reference signal, wherein the calibrating unit is configured to conditionally adjust a pulse width of the pulse."

Applicant is unable to find in Jefferson et al. all things recited in claim 1.

For example, Applicant is unable to find in Jefferson et al. both "a pulse" and "an internal signal", as recited in claim 1. As recited in claim 1, the forward path is connected to the measuring path for delaying the reference signal based on the measured delay to generate "an internal signal". As also recited in claim 1, the feedback path is connected to the measuring path and the forward path in which the feedback path includes a calibrating unit for generating "the

pulse". Thus, the pulse and the internal signal of claim 1 are two different things and are generated by two different paths, a forward path and a feedback path. In contrast to claim 1, Jefferson et al. teaches in FIG. 1D a single clock 104 on a single path. Applicant is unable to find in Jefferson et al. both "a pulse" generated by a feedback path and "an internal signal" generated by a forward path.

As another example, Applicant is unable to find in Jefferson et al. "a calibrating unit for generating the pulse based on a plurality of feedback signals generated from the reference signal, wherein the calibrating unit is configured to conditionally adjust a pulse width of the pulse". Jefferson et al. teaches a delay element 122 in FIG. 1D. Jefferson et al. describes in column 6 lines 31-36 that "delay element 122 serves to further delay the already delayed reference clock signal from delay chain 118. This, further delay compensates for internal delays across a chip on which the circuit is fabricated". The Office Action compares delay element 122 of Jefferson et al. with the calibrating unit of claim 1. However, Applicant is unable to find in Jefferson et al. a calibrating unit (or delay element 122) that generates the pulse based on a plurality of feedback signals generated from the reference signal, wherein the calibrating unit is configured to conditionally "adjust a pulse width" of the pulse.

Based on at least the reasons presented above, Applicant submits that claim 1 is not anticipated by Jefferson et al. Accordingly, Applicant requests reconsideration and withdrawal of the rejection, and allowance of claim 1.

Dependent claims 2-9 depend from claim 1 and recite the things of claim 1. Thus, Applicant believes that claims 2-9 are also not anticipated by Jefferson et al. for at least the reasons presented above regarding claim 1 and for the additional things recited in claims 2-9. Accordingly, Applicant requests reconsideration and withdrawal of the rejection, and allowance of claims 2-9.

Independent claim 21 recites the things at least similar to the things recited in claim 1. Thus, Applicant believes that claim 21 is also not anticipated by Jefferson et al. for at least the reasons presented above regarding claim 1. Accordingly, Applicant requests reconsideration and withdrawal of the rejection, and allowance of claim 21. Dependent claims 22-29 depend from claim 21 and recite the things of claim 21. Thus, Applicant believes that claims 22-29 are also not anticipated by Jefferson et al. for at least the reasons presented in claim 21 and for the

additional things recited in claims 22-29. Accordingly, Applicant requests reconsideration and withdrawal of the rejection, and allowance of claims 22-29.

Independent claim 45 recites the things at least similar to the things recited in claim 1. Thus, Applicant believes that claim 45 is also not anticipated by Jefferson et al. for at least the reasons presented above regarding claim 1. Accordingly, Applicant requests reconsideration and withdrawal of the rejection, and allowance of claim 45. Dependent claims 46-52 depend from claim 45 and recite the things of claim 45. Thus, Applicant believes that claims 46-52 are also not anticipated by Jefferson et al. for at least the reasons presented in claim 45 and for the additional things recited in claims 46-52. Accordingly, Applicant requests reconsideration and withdrawal of the rejection, and allowance of claims 46-52.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 373-6969 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.


Respectfully submitted,

FENG LIN

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Date 19 September 2005

By 
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 19 day of September, 2005.

Name

Signature

Tina Kohut

